

## Patent Assignment Abstract of Title

**Total Assignments: 1**

**Application #:** 09522609

**Filing Dt:** 03/10/2000

**Patent #:** NONE

**Issue Dt:**

**PCT #:** NONE

**Publication #:** NONE

**Pub Dt:**

**Inventor:** Shoichi Kuroha

**Title:** Liquid crystal sisplay and manufacturing method thereof

**Assignment: 1**

**Reel/Frame:** 010620/0970

**Received:**

03/23/2000

**Recorded:**

03/10/2000

**Mailed:**

05/16/2000

**Pages:** 3

**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

**Assignor:** KUROHA, SHOICHI

**Exec Dt:** 03/03/2000

**Assignee:** NEC CORPORATION

MINATO-KU

7-1, SHIBA 5-CHOME

TOKYO, JAPAN

**Correspondent:** MCGINN & GIBBS, P.C.

SEAN M. MCGINN, ESQ.

1701 CLARENDON BOULEVARD, SUITE 100

ARLINGTON, VA 22209

Search Results as of: 12/23/2002 9:02:38 A.M.

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723  
Web interface last modified: Oct. 5, 2002

L Number	Hits	Search Text	DB	Time stamp
1	1	jp-09304781-\$.did.	JPO	2002/12/23 08:47
2	1	jp-09127523-\$.did.	JPO	2002/12/23 08:47
3	1	jp-11174466-\$.did.	JPO	2002/12/23 08:47
4	1	jp-05100219-\$.did.	JPO	2002/12/23 08:48
5	1	jp-08179330-\$.did.	JPO	2002/12/23 08:48
6	5	jp-09304781-\$.did. jp-09127523-\$.did. jp-11174466-\$.did. jp-05100219-\$.did. jp-08179330-\$.did.	JPO	2002/12/23 08:49
7	0	kuroha-shoichi.in.	JPO	2002/12/23 08:49
8	0	shoichi-kuroha.in.	JPO	2002/12/23 08:50
9	0	kuroha-shoichi.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23 08:50
10	295742	spacer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23 08:50
11	1061776	projection protrusion convex bump	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23 08:51
12	58145	bm ((black opaque)adj (matrix region)) (light adj shield\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23 08:55
13	1314	(349/155,156).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23 08:55
14	842	(349/110,111).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23 08:56
15	45	((349/155,156).ccls.) and ((349/110,111).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23 08:56
16	94	spacer same (projection protrusion convex bump) same (bm ((black opaque)adj (matrix region)) (light adj shield\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23 08:56
17	22	(spacer same (projection protrusion convex bump) same (bm ((black opaque)adj (matrix region)) (light adj shield\$3))) and ((349/155,156).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23 08:56
18	8	(spacer same (projection protrusion convex bump) same (bm ((black opaque)adj (matrix region)) (light adj shield\$3))) and ((349/110,111).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23 09:07
19	19	("4626073"   "4685770"   "4705360"   "4804254"   "4904056"   "4966442"   "4989955"   "5040875"   "5044733"   "5095378"   "5299041"   "5381256"   "5537235"   "5566013"   "5606194"   "5684552"   "6037084"   "6061106"   "6144435").PN.	USPAT	2002/12/23 09:04
20	0	6414739.URPN.	USPAT	2002/12/23 09:06

21	17	((spacer same (projection protrusion convex bump) same (bm ((black opaque)adj (matrix region)) (light adj shield\$3))) and ((349/155,156).ccls.)) not ((spacer same (projection protrusion convex bump) same (bm ((black opaque)adj (matrix region)) (light adj shield\$3))) and ((349/110,111).ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23 09:08
23	2	("4470667"   "5757451").PN.	USPAT	2002/12/23 09:09
24	3	6097467.URPN.	USPAT	2002/12/23 09:10
25	11	("4341445"   "5503932"   "5576862"   "5602661"   "5680189"   "5909265"   "5982466"   "5995186"   "5995191"   "6091476"   "6097467").PN.	USPAT	2002/12/23 09:11
22	45	((349/155,156).ccls.) and ((349/110,111).ccls.)) not (((spacer same (projection protrusion convex bump) same (bm ((black opaque)adj (matrix region)) (light adj shield\$3))) and ((349/155,156).ccls.)) not ((spacer same (projection protrusion convex bump) same (bm ((black opaque)adj (matrix region)) (light adj shield\$3))) and ((349/110,111).ccls.)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23 09:12
26	6	("5815232"   "6072557"   "6115098"   "6266122"   "6281960"   "6330049").PN.	USPAT	2002/12/23 09:13